

QUALIFICATION FORM

NAME: George Abraham

PRESENT LOCATION: Washington, D.C.

ACADEMIC DEGREES: Sc.B. Brown, 1940 (Electrical Engineering); S.M. Harvard 1942 (Communication Engineering & Physics); Graduate work also at George Washington U., U. of Maryland & M.I.T.; candidate for Ph.D. in Physics.

COLLEGE STATION EXPERIENCE:

Founded Brown Network in 1936: first college wired-wireless station; President '36-'40

Worked on Harvard Station; helped in initial engineering of such stations as Wellesley, Maryland, & various army camp installations.

Produced first IBS short-wave exchange broadcast in 1940 via station WRUL in Boston from Brown Network.

IBS EXPERIENCE:

Elected Chairman of IBS Executive Committee after founding of IBS in 1940; reelected to date.

Served as representative for IBS at FCC frequency allocation hearings in 1944. Member of U.S. Office of Education Committee on Surplus Electronics Equipment. Chairman, IBS UHF relay committee.

VOCATIONAL EXPERIENCE:

Worked for World Wide Broadcasting Foundation (stations: WRUL, WRUL, WRUL) and directed the Harvard University Broadcasts 1940-42.

Radio Transmitter Department, RCA Manufacturing Company, summer 1941.

Naval Research Laboratory, Washington, D.C., 1942 to present; Electronics & Radar Engineer, Ship-Shore Radio Division.

Commissioned in USNR 1944; active duty to December 1945

Navy Educational Officer starting August 1945 in charge of graduate curriculum in Engineering, Mathematics & Physics in addition to engineering duties.

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IDENTIFICATION FORM

NAME: George Abraham

PRESENT LOCATION: Washington, D.C.

EDUCATION: B.S. Brown, 1930 (Electrical Engineering); S.M. Harvard, 1932 (Communication Engineering & Physics); Graduate work also at George Washington U., U. of Maryland & M.I.T.; candidate for Ph.D. in Physics.

COLLEGE STATION EXPERIENCE:

Founded Brown network in 1935; first college wired-wireless station; President 1935-40. Worked on Harvard station; helped in initial engineering of such stations as Wellesley, Maryland, & various army camp installations. Produced first 100 short-wave exchange broadcast in 1940 via station WRUJ in Boston from Brown Network.

THE EXPERIMENT:

Elected Chairman of IUS Executive Committee after founding of IUS in 1940; needed to date. Served as representative for IUS at FCC frequency allocation hearings in 1944. Member of U.S. Office of Broadcast Committee on Radio Broadcasts Equipment. Chairman, IUS U.S. relay committee.

FOR OTHER EXPERIENCE:

Worked for World Wide Broadcasting Foundation (station: WRUJ, WRUJ) and directed the Harvard University Broadcasts 1940-42. Radio Transmitter Department, RCA Manufacturing Company, summer 1941. Naval Research Laboratory, Washington, D.C., 1942 to present. Electronics & Radar Engineer, Mid-Shore Radio Division. Commissioned in USNR 1944; active duty to December 1945. Navy Assistant Officer starting August 1945 in charge of graduate curriculum in Engineering, Mathematics & Physics in addition to engineering duties.

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